EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	60	(271/13). COLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/07/03 15:19
S2	178	(271/10.03).COLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/07/03 09:59
S3	397	(271/251).COLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/07/03 10:05
S4	815	(271/94,98).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/07/03 10:39
S5	797	(271/104,124,138).COLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/07/03 10:39
S6	12	271/13.ccls. and (detector\$2 or sensor\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/03 11:01
S7	22	"271"/\$.ccls. and (detector\$2 or sensor\$2) and ((vacuum\$3 or suction\$3) near3 belt\$2) and (retract\$4 or lower\$3) with (separator\$2)	US PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/03 11:05

S 8	8	"271"/\$.ccls. and (detector\$2 or sensor\$2) and ((vacuum\$3 or suction\$3) near3 belt\$2) and (retract\$4 or lower\$3) near3 (separator\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/03 11:06
S9	22	"271"/\$.ccls. and (detector\$2 or sensor\$2) and ((vacuum\$3 or suction\$3) near3 belt\$2) and (retract\$4 or lower\$3) with (separator\$2)	US PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/03 11:07
S10	262	271/251 and (detector\$2 or sensor\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/03 11:07
S11	110	271/251.ccls. and (detector\$2 or sensor\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/03 11:08
S12	79	271/251.ccls. and (detector\$2 or sensor\$2) and (retract \$4 or lower\$4)	US PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/03 11:08
S13	29	271/251.ccls. and (detector\$2 or sensor\$2) and (vacuum or suction)	US PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/03 11:08

S14 2	("40307	23" "6082727").PN.		US-PGPUB; USPAT	OR	OFF	2007/12/13 16:41
S15 22		52" "3126201" 4").PN. OR ("40	•		US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/03 12:24
S16 25	200100 \$ or US-5 US-4590 589355- 539105 did. or (3388905-\$ or U 290022-\$ or US- 3385-\$ or US-35 1-\$ or US-46934 1-\$ or US-31262 JP-04358637-\$	(US-4311304 S-7198264-\$ 5154407-\$ o 99967-\$ or US-4 01-\$).did. or or JP-570621	4-\$ or US-4227685 or US-7007944-\$ r US-4648587-\$ or IS-2849232-\$ or US- 030723-\$ or US- (US-3126201-\$).	USOCR; JPO	OR	OFF	2007/07/03 12:28
S17 25	"20050" "217048 "276440 "297083 "310880 "321806 "323524 "334734 "358809 "360470 "373052 "403072 "447087 "445102 "464858 "476876 "507112 "515440 "534413 "547806	4" "2979329" 1" "3126199" 2" "3226107" 9" "3260520" 8" "3403903" 0" "3589320" 2" "3625508" 4" "3826485"	0071394" "2 "2249504" "2895552" "3025052" "3126201" "3232256" "3294396" "3424453" "3598070" "3635463" "3981493" "4157177" "4426073" "4541624" "4701094" "4893804" "5096179" "5244343" "5553841" "5553841" "5836582"	2085612" "2722416" "2941799" "3100110" "3198514" "3232429" "3322301" "3511368" "3669446" "3887945" "3988014" "4268025" "4433909" "44739982" "4739982" "4950128" "5135213" "5290022" "5431384" "5884907"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/03

		"6135437" "6155555" "6176481" "6402134" "6481705" "6485010" "6488277" "6543759" "6669187" "6688594" "6773006").PN. OR ("2001/0017441" "2006/0012107" "2007/0045933" "2849232" "3126201" "3388905" "3599967" "4030723" "4227685" "4311304" "4596385" "4648587" "4693460" "5154407" "5290022" "5391051" "5893554" "7007944" "7198264"). URPN.				
S18	38	b65h001/26.ipc. and (vacuum or suction)	JPO	OR	OFF	2007/07/03 13:51
S19	95	b65h003/56.ipc. and (vacuum or suction)	JPO	OR	OFF	2007/07/03 14:01
S20	300	b65h003/12.ipc. and (vacuum or suction)	JPO	OR	OFF	2007/07/03 14:09
S21	515	b65h003/12.ipc.	JPO	OR	OFF	2007/07/03 14:09
S22	397	(271/251). OOLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/07/03 15:33
\$23	323	"271"/\$.ccls. and (retract\$4 or withdraw\$3 or lower\$3) near3 wall and (vacuum or suction or (negative near2 pressure))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/14
\$24	176	"271"/\$.ccls. and (retract\$4 or withdraw\$3 or lower\$3) near3 wall and (vacuum or suction or (negative near2 pressure)) and (detect\$4 or sens\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/03 15:36

S25	39	"271"/\$.ccls. and (detect\$4 or sens\$4) same (retract\$4 or withdraw\$3 or lower\$3) near3 wall and (vacuum or suction or (negative near2 pressure))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/03 15:43
\$26	223	(detect\$4 or sens\$4) same (retract\$4 or withdraw\$3 or lower\$3) near3 wall same separat\$4 and (vacuum or suction or (negative near2 pressure)) and (paper\$2 or sheet\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/03 15:48
S27	21	(detect\$4 or sens\$4) near3 (sheet\$2 or paper\$2) with ((retract\$3 or lower\$3 or rais\$4) near3 wall)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/03 15:50
S28	424850	b65h003/12.ipc. and detect\$4 or sens\$4	JPO	OR	OFF	2007/07/03 16:32
S29	105	b65h003/12.ipc. and (detect\$4 or sens\$4)	JPO	OR	OFF	2007/07/03 16:50
S30	524	b65h001/14.ipc. and (detect\$4 or sens\$4)	JPO	OR	OFF	2007/07/03 16:55
S31	61	b65h003/54.ipc. and (detect\$4 or sens\$4)	JPO	OR	OFF	2007/07/03 16:58
S32	95	b65h003/56.ipc. and (detect\$4 or sens\$4)	JPO	OR	OFF	2007/07/03 17:04
S33	118	b65h003/48.ipc. and (detect\$4 or sens\$4)	JPO	OR	OFF	2007/07/05 13:37
S34	1	10/584452	US-PGPUB	OR	OFF	2007/07/05 13:37
S35	1	("2249504").PN.	US-PGPUB; USPAT	OR	OFF	2007/12/14 11:08

S36	2541	"271"/\$.ccls. and (detect\$4 or sens\$4) with (front or leading) adj edge\$2	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/14 11:28
S 37	2017	"271"/\$.ccls. and (detect\$4 or sens\$4) with (front or leading) adj edge\$2 and (retract\$4 or lower\$4)	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/14 11:30
S 38	666	"271"/\$.ccls. and (detect\$4 or sens\$4) with (front or leading) adj edge\$2 same (retract\$4 or lower\$4)	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/14 13:51
S39	1	("2002/0060393").URPN.	USPAT	OR	OFF	2007/12/14 12:26
S40	5	("4196898" "5263704" "6053485").PN. OR ("6619655").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/14 13:41
S41	1	"5813669".pn.	US-PGPUB; USPAT	OR	OFF	2007/12/14 13:41
S42	13	("3025052" "3148876" "4312503" "4345752" "4678176" "5088717" "5494398").PN. OR ("5813669").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/14 13:46
S43	1	"3276771".pn.	US-PGPUB; USPAT	OR	OFF	2007/12/14 13:46
S44	1	("3276771").URPN.	USPAT	OR	OFF	2007/12/14 13:46
S45	23	("2988355" "3276771" "3283163" "3514100" "3724657").PN. OR ("3955812").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/14 13:49
S46	1	"3266797".pn.	US-PGPUB; USPAT	OR	OFF	2007/12/14 13:49

S47	24	("3266797").URPN.	USPAT	OR	OFF	2007/12/14 13:49
S48	323	"271"/\$.ccls. and (detect\$4 or sens\$4) with (front or leading) adj edge\$2 same (rais\$4 or lift\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/14 14:00
S49	11	("3547024" "4666140" "4666141" "4667950" "4713831" "4746004" "4911421" "5249790" "5288067" "5934668").PN. OR ("7178800").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/14 14:11
S50	101	"271"/\$.ccls. and (retract\$4 or withdraw\$3 or lower\$3) near3 gate and (sens\$4 or detect\$4) with ((front or leading) adj edge\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/14 14:16
S51	170	"271"/\$.ccls. and (retract\$4 or withdraw\$3 or lower\$3) with gate and (sens\$4 or detect\$4) with ((front or leading) adj edge\$2)	US PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/14 14:22
S52	2030	"271"/\$.ccls. and (retract\$4 or withdraw\$3 or lower\$3) and (sens\$4 or detect\$4) with ((front or leading) adj edge\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/14 14:24
S53	1348	"271"/\$.ccls. and (retract\$4 or withdraw\$3 or lower\$3) and (sens\$4 or detect\$4) with ((front or leading) adjedge\$2) and (separate or separates or separating)	US PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/14 14:25

S54	265	"271"/\$.ccls. and (retract\$4 or withdraw\$3 or lower\$3) and (sens\$4 or detect\$4) with ((front or leading) adj edge\$2) same (separate or separates or separating)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/14 14:33
S55	1427	b65h003/56.ipc.	JPO	OR	OFF	2007/12/14 14:48
S56	87	b65h003/56.ipc. and (front or leading) with edge\$2	JPO	OR	OFF	2007/12/14 14:48
S57	225	b65h003/56.ipc. and (front or leading) with (edge\$2 or end\$2)	JPO	OR	OFF	2007/12/14 14:49
S58	5	b65h003/56.ipc. and (sens\$4 or detect\$4) with (front or leading) with (edge\$2 or end\$2)	JPO	OR	OFF	2007/12/14 14:50
S59	45	b65h003/52.ipc. and (sens\$4 or detect\$4) with (front or leading) with (edge\$2 or end\$2)	JPO	OR	OFF	2007/12/14 15:24
S60	5	b65h003/56.ipc. and (sens\$4 or detect\$4) with (front or leading) with (edge\$2 or end\$2)	JPO	OR	OFF	2007/12/14 15:25
S61	12	b65h003/08.ipc. and (sens\$4 or detect\$4) with (front or leading) with (edge\$2 or end\$2)	JPO	OR	OFF	2007/12/14 15:29
S62	123	b65h003/06.ipc. and (sens\$4 or detect\$4) with (front or leading) with (edge\$2 or end\$2)	JPO	OR	OFF	2007/12/20 10:08
S63	6580	b65h003/06.ipc.	JPO	OR	OFF	2007/12/20 10:08
S64	1	b65h003/06.ipc. and SE3	JPO	OR	OFF	2007/12/20 10:08
S65	16	b65h003/46.ipc. and ((front or leading) adj (edge\$2 or end\$2)) and ((rear or trailing) adj (edge\$2 or end\$2))	JPO	OR	OFF	2008/11/18 09:57
S66	114	b65h003/06.ipc. and ((front or leading) adj (edge\$2 or end\$2)) and ((rear or trailing) adj (edge\$2 or end\$2))	JPO	OR	OFF	2008/11/18 11:10
S67	37	b65h003/52.ipc. and ((front or leading) adj (edge\$2 or end\$2)) and ((rear or trailing) adj (edge\$2 or end\$2))	JPO	OR	OFF	2008/11/18 13:28

S68	52	b65h\$/\$.ipc. and ((detect\$3 or sens\$4) adj ((front or leading) adj (edge\$2 or end\$2))) and ((detect\$4 or sens \$4) adj ((rear or trailing) adj (edge\$2 or end\$2)))	JPO	OR	OFF	2008/11/18 13:39
S 69	586	"271"/\$.ccls. and ((detect\$3 or sens\$4) adj ((front or leading) adj (edge\$2 or end\$2))) and ((detect\$4 or sens \$4) adj ((rear or trailing) adj (edge\$2 or end\$2)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/18 13:52
S70	6	271/124.ccls. and ((detect\$3 or sens\$4) adj ((front or leading) adj (edge\$2 or end\$2))) and ((detect\$4 or sens \$4) adj ((rear or trailing) adj (edge\$2 or end\$2)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/18 14:59
S71	19	271/121.ccls. and ((detect\$3 or sens\$4) adj ((front or leading) adj (edge\$2 or end\$2))) and ((detect\$4 or sens \$4) adj ((rear or trailing) adj (edge\$2 or end\$2)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/18 15:02
S 72	2	271/137.ccls. and ((detect\$3 or sens\$4) adj ((front or leading) adj (edge\$2 or end\$2))) and ((detect\$4 or sens \$4) adj ((rear or trailing) adj (edge\$2 or end\$2)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/18 15:16
S73	1	271/104.ccls. and ((detect\$3 or sens\$4) adj ((front or leading) adj (edge\$2 or end\$2))) and ((detect\$4 or sens \$4) adj ((rear or trailing) adj (edge\$2 or end\$2)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/18 15:18

S74	1	, , , , , , , , , , , , , , , , , , , ,	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/18 15:19
S75	5	b65h003/00.ipc. and ((detect\$3 or sens\$4) adj ((front or leading) adj (edge\$2 or end\$2))) and ((detect\$4 or sens\$4) adj ((rear or trailing) adj (edge\$2 or end\$2)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/18 15:23
S76	11	b65h007/08.ipc. and ((detect\$3 or sens\$4) adj ((front or leading) adj (edge\$2 or end\$2))) and ((detect\$4 or sens\$4) adj ((rear or trailing) adj (edge\$2 or end\$2)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/18 15:28
S 77	27	b65h003/06.ipc. and ((detect\$3 or sens\$4) adj ((front or leading) adj (edge\$2 or end\$2))) and ((detect\$4 or sens\$4) adj ((rear or trailing) adj (edge\$2 or end\$2)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/18 15:30
S78	2	b65h001/30.ipc. and ((detect\$3 or sens\$4) adj ((front or leading) adj (edge\$2 or end\$2))) and ((detect\$4 or sens\$4) adj ((rear or trailing) adj (edge\$2 or end\$2)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/18 15:34
S 79	16	b65h007/12.ipc. and ((detect\$3 or sens\$4) adj ((front or leading) adj (edge\$2 or end\$2))) and ((detect\$4 or sens\$4) adj ((rear or trailing) adj (edge\$2 or end\$2)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/18 15:36

\$80	1	b65h029/62.ipc. and ((detect\$3 or sens\$4) adj ((front or leading) adj (edge\$2 or end\$2))) and ((detect\$4 or sens\$4) adj ((rear or trailing) adj (edge\$2 or end\$2)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/18 15:37
\$81	4	("4717137" "6224049").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/18 15:39
S82	33	("3210073" "3961786" "4148473" "4236639" "4324394" "4339221" "4346851" "4651982" "5172899" "5211388" "5362037" "5435540" "5443359" "5678817" "5876029").PN. OR ("4717137" "6224049").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/18 15:41
S83	42	(US-20070045933-\$ or US-20020145246-\$ or US-20060012107-\$ or US-20010017441-\$).did. or (US-5154407-\$ or US-7007944-\$ or US-4693460-\$ or US-4648587-\$ or US-4596385-\$ or US-4693460-\$ or US-3599967-\$ or US-5511936-\$ or US-2849232-\$ or US-3388905-\$ or US-5893554-\$ or US-5290022-\$ or US-4311304-\$ or US-5135213-\$ or US-4227685-\$ or US-3126201-\$ or US-5391051-\$ or US-4083555-\$ or US-6412769-\$ or US-3385598-\$).did. or (US-3126201-\$ or US-3385598-\$).did. or (US-3126201-\$ or US-3385598-\$).did. or (US-3126201-\$ or US-3385598-\$ or US-7198264-\$).did. or (US-3126201-\$ or US-63057448-\$ or JP-04358637-\$ or JP-07187427-\$ or JP-63057448-\$ or JP-04358637-\$ or JP-07187427-\$ or JP-63057448-\$ or JP-04358637-\$ or JP-03120132-\$ or JP-11223969-\$ or JP-03272931-\$ or JP-03267234-\$ or JP-01053948-\$ or JP-62083941-\$). did.	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2008/11/18 15:50

S84	29	S83 and (leading or front)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/18 15:51
S85	2210	(271/13,10.03,251,94,98,104,124,138).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/11/18 16:07
S86	2116	(271/13,10.03,251,94,98,104,124).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/11/18 16:07
S87	1749	(271/13,10.03,251,94,98,104).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/11/18 16:07
S88	482	(271/124,138).COLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/11/18 16:59
S89	697	(OOTA near4 RYUICHI).in. (OIWA near4 HIDEKI).in. (WADA near4 AKIRA).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/18 17:27
S90	1	10/584452	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/19 09:23
S91	1	("2249504").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/19 09:30
S92	2	("2249504").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/19 09:42

S93	2	"1963694".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/19 09:52
S94	158	(271/112). COLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/11/19 10:18
S95	590	(OOTA near4 RYUICHI).in. (OIWA near4 HIDEKI).in. (WADA near4 AKIRA).in.	JPO	OR	OFF	2008/11/19 11:19
S96	23	b65h003/56.ipc. and ((front or leading) adj (edge\$1 or end\$1)) and ((rear or trailing) adj (edge\$1 or end\$1))	JPO	OR	OFF	2008/11/19 11:22
S97	10	b65h003/12.ipc. and ((front or leading) adj (edge\$1 or end\$1)) and ((rear or trailing) adj (edge\$1 or end\$1))	JPO	OR	OFF	2008/11/19 11:24
S98	544	b65h003/12.ipc.	JPO	OR	OFF	2008/11/19 11:25
S99	24	b65h003/12.ipc. and (detect\$4 or sens\$4) with (end\$1 or edge\$1)	JPO	OR	OFF	2008/11/19 11:27
S100	21	b65h003/56.ipc. and (detect\$4 or sens\$4) with (end\$1 or edge\$1)	JPO	OR	OFF	2008/11/19 11:32

11/19/2008 2:30:53 PM

 $C: \ \ Documents \ and \ \ Settings \ \ tmorrison \ \ \ My \ \ Documents \ \ EAST \ \ \ \ Workspaces \ \ 10584452 search. wsp$